



**POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT**

### IDENTIFICATION

C1 STATE	02 SITE NUMBER
NJ	N/A

## II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) International Metallurgical Services		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 196 Blanchard Street				
03 CITY Newark		04 STATE NJ	05 ZIP CODE 07105	06 COUNTY Essex	07 COUNTY CODE	08 CONG DIST
09 COORDINATES LATITUDE 40° 44' 30".		LONGITUDE 74° 07' 35".				
10 DIRECTIONS TO SITE (Starting from nearest public road) New Jersey Turnpike to Exit 15E, to Raymond Blvd. West on Raymond Blvd. approx ½ mi. Turn right on Blanchard St. Site is the last building on the right hand side of the street						

### III. RESPONSIBLE PARTIES

01 OWNER (If known)		02 STREET (Business, mailing, residential)	
Victor Pannone, President		Present whereabouts unknown	
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER ( )
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)	
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )
13 TYPE OF OWNERSHIP (Check one)			
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name)		<input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL	
<input type="checkbox"/> F. OTHER: Santo La Lomia, Esq (Sanctuary)		<input checked="" type="checkbox"/> G. UNKNOWN    Court appointed trustee	

## 14 CANNER/OPERATOR NOTIFICATION ON FILE (CHECK ALL THAT APPLY)

☐ A. RCRA 3001 DATE RECEIVED:        /        /         
MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (RCRA 103) DATE RECEIVED:        /        /         
MONTH DAY YEAR

☐ C. NONE

#### IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION		BY (Check all that apply)	
<input checked="" type="checkbox"/> YES	DATE <u>07 / 09 / 87</u>	<input checked="" type="checkbox"/> A. EPA	<input type="checkbox"/> B. EPA CONTRACTOR
<input type="checkbox"/> NO	MONTH DAY YEAR	<input type="checkbox"/> C. STATE	<input type="checkbox"/> D. OTHER CONTRACTOR
		<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL	<input type="checkbox"/> F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one)		03 YEARS OF OPERATION	
<input type="checkbox"/> A. ACTIVE	<input checked="" type="checkbox"/> B. INACTIVE	<input type="checkbox"/> C. UNKNOWN	
		unknown	1984
		BEGINNING YEAR	ENDING YEAR
			<input type="checkbox"/> UNKNOWN

## Q4 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED.

Strong acids and bases, peroxides, flammable liquids, cyanides, metals; other poisons and oxidizing agents.

## 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

- potential for fire/explosion
- surface water contamination
- soil contamination
- potential for toxic plume generation
- contamination of sewers
- unstable containment of hazardous wastes

### V. PRIORITY ASSESSMENT

21 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☒ A. HIGH (Inspection required immediately)      ☐ B. MEDIUM (Inspection required)      ☐ C. LOW (Inspect on time available basis)      ☐ D. NONE (No further action needed, complete current disposition form)

## VI. INFORMATION AVAILABLE FROM

01 CONTACT John Witkowski		02 OF (Agency Organization) EPA, Region 2		03 TELEPHONE NUMBER 201 321-6739	
04 PERSON RESPONSIBLE FOR ASSESSMENT John Malool		05 AGENCY USEPA	06 ORGANIZATION 2 ERRD	07 TELEPHONE NUMBER 1 201 321-6614	08 DATE 07 / 09 / 87 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER N/A

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☒ A. SOLID ☐ E. SLURRY  
☐ B. POWDER, FINES ☒ F. LIQUID  
☐ C. SLUDGE ☒ G. GAS  
☐ D. OTHER (Specify)

02 WASTE QUANTITY AT SITE

(Measure of waste quantities  
must be independent)

TONS undetermined

CUBIC YARDS " "

NO. OF DRUMS " "

03 WASTE CHARACTERISTICS (Check all that apply)

- ☒ A. TOXIC ☐ E. SOLUBLE  
☒ B. CORROSIVE ☐ F. INFECTIOUS  
☐ C. RADIOACTIVE ☒ G. FLAMMABLE  
☐ D. PERSISTENT ☒ H. IGNITABLE  
☒ I. HIGHLY VOLATILE  
☐ J. EXPLOSIVE  
☒ K. REACTIVE  
☐ L. INCOMPATIBLE  
☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	unknown		
IOC	INORGANIC CHEMICALS	" "		
ACD	ACIDS	" "		
SAS	BASES	" "		
MES	HEAVY METALS	" "		

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
OCC	Acetylene (gas)	74-86-2			
OCC	Ethyl Acetate	141-78-6			
OCC	Methyl Isobutyl Ketone	108-10-1			
OCC	Nitropropane	108-03-2			
OCC	Phenol	108-95-2			
IOC	Hydrazine	302-01-2			
IOC	Sodium Borohydride	1694-066-2			
IOC	Sodium Cyanide	143-33-9			
IOC	Vanadium Pentoxide	1314-62-1			
ACD	Hydrochloric Acid	7647-01-0			
ACD	Nitric Acid	7697-37-2			
BAS	Potassium Hydroxide	1310-58-3			
BAS	Sodium Hydroxide	1310-73-2			
MES	Nickel	7440-02-0			
MES	Zinc	7440-66-6			
	See comments below				

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Note: The above mentioned chemicals serve as a representative of the various categories of hazardous materials/wastes found at this site.



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PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

This site is situated directly on the banks of the Passaic River. In the event of any release, materials will enter the River, directly.

01 ☒ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

In the event of a fire/explosion or reaction between two un-compatible materials there is the potential for the release of a toxic vapor cloud. This site is situated in an industrial area, adjacent to the NJ Turnpike, Total population at risk unknown.

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Various flammable liquids, in quantity, can be found in the building. Many of these liquids are stored adjacent to un-compatible materials, increasing the likelihood of fire/explosion potential.

01 ☒ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

This site is fairly secure, reducing the immediate threat of direct contact. This does not mean that there does not exist a possibility for vandalism and direct contact occurring.

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_ (Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

There are approximately 10 above ground storage tanks in the rear yard of this site. This situation increases the potential for soil contamination as these tanks have varying amounts of liquid. The liquid in one tank has a pH of 14.

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

This site is situated in an occupied industrial area. Numerous factories directly adjacent to the site employ an unknown number of people. Located within 1/4 mile of the site is a residential portion of the City of Newark. The New Jersey Turnpike and Route 1 are in immediate vicinity.



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include names of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: 07-08-87)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

Hazardous wastes have simply been abandoned at this location. Any runoff from this site will place the immediately surrounding area at risk.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☒ ALLEGED

Alleged discharge of wastes has occurred directly into the Passaic River.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☒ ALLEGED

It is alleged that the sewer connection from this building discharges directly into the Passaic River. This area is known to have combination sewer systems.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: various industrial and residential areas.

IV. COMMENTS

This site warrants EPA removal action to reduce the threat to the environment and population at risk.

V. SOURCES OF INFORMATION (Give specific references, e.g., State files, laboratory reports)